

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Reclamation District No. 2098 Cache and Haas Slough**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 01 Yolo Bypass			Right	3.58
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/9/2012 - 5/9/2012			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Hardesty RD 2098			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Yolo Bypass						Right	3.58	05/09/2012 05/09/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	Photo
	Start	End					Start	End		
1			Earthen Levee	Operations & Maintenance Manuals	WS A Ma		°	°	13	
DWR ID: DWR_RD2098_01_s_2012_13										
2			Earthen Levee	Emergency Supplies & Equipment	WS A Ma		°	°	14	
DWR ID: DWR_RD2098_01_s_2012_14										
3			Earthen Levee	Flood Preparedness & Training	WS A Ma		°	°	15	
DWR ID: DWR_RD2098_01_s_2012_15										
4	0.00	0.00	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.329118 ° -121.694060 °	38.329118 ° -121.694060 °	7 Y	
DWR ID: DWR_RD2098_01_s_2012_7										
5	0.03	0.04	Earthen Levee	Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.328669 ° -121.694057 °	38.328400 ° -121.694021 °	4	
DWR ID: DWR_RD2098_01_s_2012_4										
6	0.03	0.06	Earthen Levee	Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.328606 ° -121.694055 °	38.328214 ° -121.694031 °	8	
DWR ID: DWR_RD2098_01_s_2012_8										
7	0.17	1.95	Earthen Levee	Vegetation	LS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.326610 ° -121.694064 °	38.300761 ° -121.693626 °	1	
DWR ID: DWR_RD2098_01_s_2012_1										
8	0.22	1.71	Earthen Levee	Vegetation	WS C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.325896 ° -121.694065 °	38.304308 ° -121.693669 °	2	
DWR ID: DWR_RD2098_01_s_2012_2										
9	0.44	0.54	Earthen Levee	Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site.	38.322738 ° -121.694010 °	38.321288 ° -121.694004 °	3	
DWR ID: DWR_RD2098_01_s_2012_3										
10	0.57	0.59	Earthen Levee	Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site.	38.320853 ° -121.694002 °	38.320564 ° -121.694002 °	16	
DWR ID: DWR_RD2098_01_s_2012_16										
11	0.61	0.63	Earthen Levee	Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site.	38.320979 ° -121.694029 °	38.319984 ° -121.694001 °	17	
DWR ID: DWR_RD2098_01_s_2012_17										
12	0.64	0.66	Earthen Levee	Erosion / Bank Caving	WS U Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.319839 ° -121.694008 °	38.319549 ° -121.694000 °	18 Y	
DWR ID: DWR_RD2098_01_s_2012_18										
13	0.84	0.84	Earthen Levee	Erosion / Bank Caving	WS M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.318517 ° -121.693957 °	38.318517 ° -121.693957 °	19 Y	
DWR ID: DWR_RD2098_01_s_2012_19										
14	1.57	1.64	Earthen Levee	Vegetation	WS C Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.306244 ° -121.693624 °	38.305236 ° -121.693645 °	9	
DWR ID: DWR_RD2098_01_s_2012_9										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Yolo Bypass						Right	3.58	05/09/2012 05/09/2012	Herman Phillips	

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
15	1.74	1.78	Earthen Levee	Vegetation	WS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.303731 ° -121.693675 °	38.303180 ° -121.693658 °	10
								DWR ID: DWR_RD2098_01_s_2012_10		
16	2.27	2.37	Earthen Levee	Vegetation	WS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.296054 ° -121.693635 °	38.294612 ° -121.693660 °	11
								DWR ID: DWR_RD2098_01_s_2012_11		
17	3.09	3.09	Earthen Levee	Erosion / Bank Caving	WS	M	E1 : Note and monitor erosion site.	38.283868 ° -121.693627 °	38.283868 ° -121.693627 °	12
								DWR ID: DWR_RD2098_01_s_2012_12		

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.58	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unit 1 looking downstream landward from levee mile 0.00. Photo taken 10-20-2011.

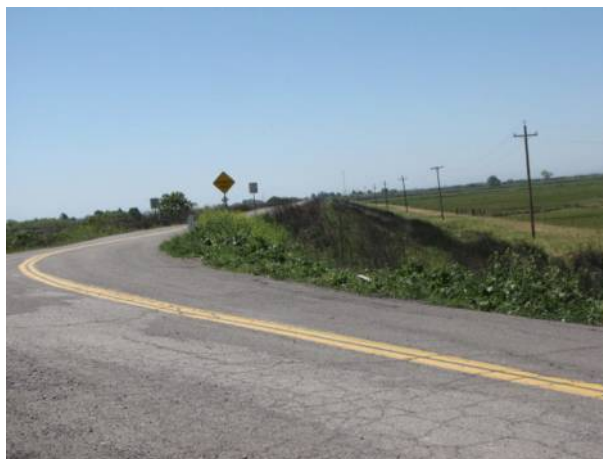
phillips_s_20120306_324.jpg



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2098 Looking downstream from levee mile 0.00 landside slope Photo taken 5-9-2012.

phillips_s_20120516_423.jpg



Levee Mile Report Line	12
Start Levee Mile	0.64
End Levee Mile	0.66
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Levee mile 0.64-0.66 Erosion in levee berm. Photo taken 5-9-2012.

phillips_s_20120516_424.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	3.58	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion levee mile 0.84. Photo taken 5-9-2012.	
phillips_s_20120516_425.jpg	



Levee Mile Report Line	17
Start Levee Mile	3.09
End Levee Mile	3.09
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion at levee mile 3.09 waterward. Photo taken 5-9-2012.	
phillips_s_20120516_426.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 01A Cross Levee			Right	0.55
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/9/2012 - 5/9/2012			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Hardesty RD 2098			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.55	05/09/2012 05/09/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.277418 ° -121.696242 °	38.277418 ° -121.696242 °	2 Y
DWR ID: DWR_RD2098_01A_s_2012_2										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01A Cross Levee	Right	0.55	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2098 Unit 1A looking downstream from levee mile 0.00 landward slope. Photo taken 5-09-2012.

phillips_s_20120522_438.jpg

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 02 Cache Slough			Left	2.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/9/2012 - 5/9/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Cache Slough						Left	2.01	05/09/2012 05/09/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	5.29	5.56	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Keep the crown roadway free of vegetation.	38.275696 ° -121.705737 °	38.278822 ° -121.708672 °	3 Y
DWR ID: DWR_RD2098_02_s_2012_3										
2	6.19	7.24	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Keep the crown roadway free of vegetation.	38.284952 ° -121.715355 °	38.293299 ° -121.724526 °	4
DWR ID: DWR_RD2098_02_s_2012_4										
3	6.76	6.76	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.292473 ° -121.716144 °	38.292546 ° -121.716189 °	5
DWR ID: DWR_RD2098_02_s_2012_5										
4	6.78	7.12	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.292756 ° -121.716473 °	38.293044 ° -121.722509 °	6
DWR ID: DWR_RD2098_02_s_2012_6										
5	6.82	7.06	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.292995 ° -121.717283 °	38.293004 ° -121.721449 °	7
DWR ID: DWR_RD2098_02_s_2012_7										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	2.01	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	5.29
End Levee Mile	5.56
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

RD 2098 Unit 2 looking downstream from levee mile 5.29, both landside and waterside is in view. Photo taken 5-09-2012.

phillips_s_20120522_439.jpg

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 03 Haas Slough			Right	1.89
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/9/2012 - 5/9/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough							Right	1.89	05/09/2012 05/09/2012	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	7.30	7.30	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	°	°	13 Y
								DWR ID: DWR_RD2098_03_s_2012_13		
2	7.33	7.33	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011: Large vertical erosion pockets and bank slumping. [2011 Site ID: HAS_7-9_R]	38.294858 ° -121.725433 °	38.299606 ° -121.728621 °	7
								DWR ID: DWR_RD2098_03_s_2012_7		
3	7.37	7.41	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	38.295115 ° -121.725339 °	38.295525 ° -121.725852 °	2
								DWR ID: DWR_RD2098_03_s_2012_2		
4	7.41	7.41	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	38.294046 ° -121.724990 °	38.294046 ° -121.724990 °	1
								DWR ID: DWR_RD2098_03_s_2012_1		
5	7.45	7.58	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	38.295928 ° -121.726385 °	38.297285 ° -121.728060 °	5
								DWR ID: DWR_RD2098_03_s_2012_5		
6	7.75	7.90	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.299507 ° -121.728468 °	38.301666 ° -121.728079 °	6
								DWR ID: DWR_RD2098_03_s_2012_6		
7	7.78	7.87	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.299945 ° -121.728370 °	38.301193 ° -121.728099 °	8
								DWR ID: DWR_RD2098_03_s_2012_8		
8	8.01	8.01	Earthen Levee	Encroachments	LS	M En	TR : Tree or limb	38.303316 ° -121.727864 °	38.303316 ° -121.727864 °	9
								DWR ID: DWR_RD2098_03_s_2012_9		
9	8.39	8.55	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.306898 ° -121.731976 °	38.308785 ° -121.733739 °	10
								DWR ID: DWR_RD2098_03_s_2012_10		
10	8.39	8.81	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Keep the crown roadway free of vegetation.	38.306899 ° -121.731977 °	38.312023 ° -121.735579 °	12
								DWR ID: DWR_RD2098_03_s_2012_12		

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Haas Slough	Right	1.89	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	7.30
End Levee Mile	7.30
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2098 Unit 3 Haas Slough looking downstream from levee mile 7.30. Photo taken 5-09-2012.

phillips_s_20120522_440.jpg

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2098 Cache and Haas Slough

Waterway			Bank	Unit Miles
Unit No. 04 Back Levee			Left	2.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/9/2012 - 5/9/2012			
DWR Inspector	Herman Phillips			
Accompanied By				

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Reclamation District No. 2098 Cache and Haas Slough

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 04 Back Levee						Left	2.93	05/09/2012 05/09/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	9.19	10.03	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Keep the crown roadway free of vegetation.	38.313580 ° -121.737744 °	38.327864 ° -121.740650 °	7 Y
DWR ID: DWR_RD2098_04_s_2012_7										
2	9.46	9.46	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011: Several scallops of erosion. Erosion primarily due to the weight of cattle on the slope. [2011 Site ID: HAS_9-7_L]	38.320240 ° -121.740183 °	38.324587 ° -121.740254 °	4 Y
DWR ID: DWR_RD2098_04_s_2012_4										
3	9.80	9.84	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.324938 ° -121.740123 °	38.324968 ° -121.740132 °	2 Y
DWR ID: DWR_RD2098_04_s_2012_2										
4	9.82	12.08	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.325232 ° -121.740142 °	38.358206 ° -121.740377 °	3
DWR ID: DWR_RD2098_04_s_2012_3										
5	9.82	10.05	Channels	Shoaling / Sedimentation	LS	M Ma		38.325233 ° -121.740141 °	38.326011 ° -121.740654 °	12
DWR ID:										
6	10.03	11.18	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.327864 ° -121.740646 °	38.344653 ° -121.740818 °	5
DWR ID: DWR_RD2098_04_s_2012_5										
7	10.79	10.88	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.338961 ° -121.740830 °	38.340252 ° -121.740810 °	6
DWR ID: DWR_RD2098_04_s_2012_6										
8	10.93	10.94	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.340930 ° -121.740783 °	38.341077 ° -121.740735 °	10
DWR ID: DWR_RD2098_04_s_2012_10										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.93	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	9.19
End Levee Mile	10.03
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
RD 2098 Unit 4 levee mile 9.19 looking downstream crown roadway. Photo taken 5-09-2012.	
phillips_s_20120522_442.jpg	



Levee Mile Report Line	2
Start Levee Mile	9.46
End Levee Mile	9.46
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
phillips_s_20120306_325.jpg	



Levee Mile Report Line	2
Start Levee Mile	9.46
End Levee Mile	9.46
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
phillips_s_20120306_326.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2098 Cache and Haas Slough

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Back Levee	Left	2.93	05/09/2012 05/09/2012	Herman Phillips

Levee Mile Report Line	2
Start Levee Mile	9.46
End Levee Mile	9.46
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
phillips_s_20120306_327.jpg	



Levee Mile Report Line	2
Start Levee Mile	9.46
End Levee Mile	9.46
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #4	
phillips_s_20120306_328.jpg	



Levee Mile Report Line	3
Start Levee Mile	9.80
End Levee Mile	9.84
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 2098 Unit 4 levee mile 9.80 to 9.84 waterside. Photo taken 5-09-2012.	
phillips_s_20120522_441.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement